



PK350/350kW Specifications

INNOVATING YOUR FUTURE



USER UNIT

CONNECTORS	CCS Type 2 and CHAdeMO Single or dual cable option
OUTPUT POWER	Up to 350kW
OUTPUT VOLTAGE	Up to 920V DC
OUTPUT CURRENT	CCS: Up to 500A CHAdeMO: Up to 200A
IP RATING	IP65
EFFICIENCY	98.5% typ
MAXIMUM OPERATING ALTITUDE	2,000m (6,562 ft)
OPERATING TEMPERATURE	-35°C to 50°C (-31°F to 122°F)
CREDIT CARD READER	Optional
DIMENSIONS	Footprint: 2,000mm (78.7") (H) x 575mm (22.6") (W) x 395mm (15.5") (D) Maximum points: 2,000mm (78.7") (H) x 1200mm (47.2") (W) x 525mm (20.6") (D)
WEIGHT	320kg (706lb) dual cable
RFID READER	MIFARE ISO/IEC14443A/B, ISO/IEC15693, ISO/IEC18000-3, FeliCa, NFC, EMV 2.0
EV COMMUNICATION PROTOCOLS	ISO 15118, DIN SPEC 70121, CHAdeMO 1.2
CABLE REACH	4.1m (13'5")
IK RATING	IK10

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POWER UNIT

INPUT	2 X 480V 3ph 50Hz
OUTPUT	2 X 950V DC 355kW
IP RATING	IP54
EFFICIENCY	>98% typ
POWER FACTOR	0.99
MAXIMUM OPERATING ALTITUDE	2,000m (6562 ft)
OPERATING TEMPERATURE	-35°C to 50°C (-31°F to 122°F)
NETWORK CONNECTION	Ethernet to User Unit and Control Unit Site Power Control
WEIGHT	593kg (1,308lb)
DIMENSIONS	Footprint: 2342mm (92.2") (H) x 606mm (23.8") (W) x 1028mm (40.4") (D) Maximum points: 2360mm (92.9") (H) x 694mm (27.3") (W) x 1094mm (43.0") (D)
THD	<5%
IK RATING	IK10

CONTROL UNIT

WIRELESS CONNECTIVITY	3G/4G cellular communications with failover redundancy
WIRED CONNECTIVITY	Ethernet capability
POWER SUPPLY	Battery-backed UPS functionality for reliable telemetry at all times
SOFTWARE SUPPORT	OCPP1.6J support for management and billing
IT SECURITY	SSH with EC keys & unique password for manufacturer diagnostics
POWER SHARING	Configurable site-level power demand management
POWER CONTROL	Power sharing algorithms can be easily added and modified to allow for various sharing configurations
CONTROL PLATFORM	Gives owner/operators vital real-time information on the status and performance of the charging station
MAXIMUM OPERATING ALTITUDE	2,000m (6562 ft)
WEIGHT	220kg (485lb)
DIMENSIONS	Footprint: 2342mm (92.2") (H) x 606mm (23.8") (W) x 1028mm (40.4") (D) Maximum points: 2360mm (92.9") (H) x 694mm (27.3") (W) x 1094mm (43.0") (D)
IK RATING	IK10
TEMPERATURE RATING	-35°C to 50°C (-31°F to 122°F)
VOLTAGE INPUT	230V +/- 10%
IP RATING	IP54